

Bubba Don't Dispatch on Lat/Lon

But should he?







9-1-1

OLD CHURCH RD

DUNCAN RD

LINE 1. 01 00
#: (828) 268-9771 CS: RESD Exch: BOONE
ne: TUTTLE, K Loc: APT 204

Pilot: 268

ir: 165 ROBIN LN
ty: BOONE NC

ID: 08 09373

N.00180 PD East/West-Fire St 1-WEMS Base 1*Except East of 105 Ext*

SDN: 101

te: 02/12/02 08:39

AAI: LEC:BELSO

Automatic Detail Information

| RM | ANI | Time | Status | SDN | ALI | Address |
|----|-----|----------|--------|-----|-----|---------|
| 01 | - | 9:45:30 | Idle | | | |
| 02 | - | 10:39:43 | Idle | | | |
| 03 | - | 11:20:37 | Idle | | | |
| 04 | - | 9:30:10 | Idle | | | |
| 05 | - | 11:54:30 | Idle | | | |

IDLE: 5 UNANSWERED: 0 ANSWERED: 0 ABANDONED: 0



Wireless



Enhanced 9-1-1

(910) 280-7275
291

09:55 11/21
NORTHAM RD

ROCKINGHAM
VERIZON
E SECTOR

NC 150 WPH2

PH 280-7275

ALTN 910-995-2118

LEC:VZW

WIRELESS CALL

QUERY CALLER FOR LOCATION

QUERY CALLER FOR PHONE #
-879.772007 +34.935793

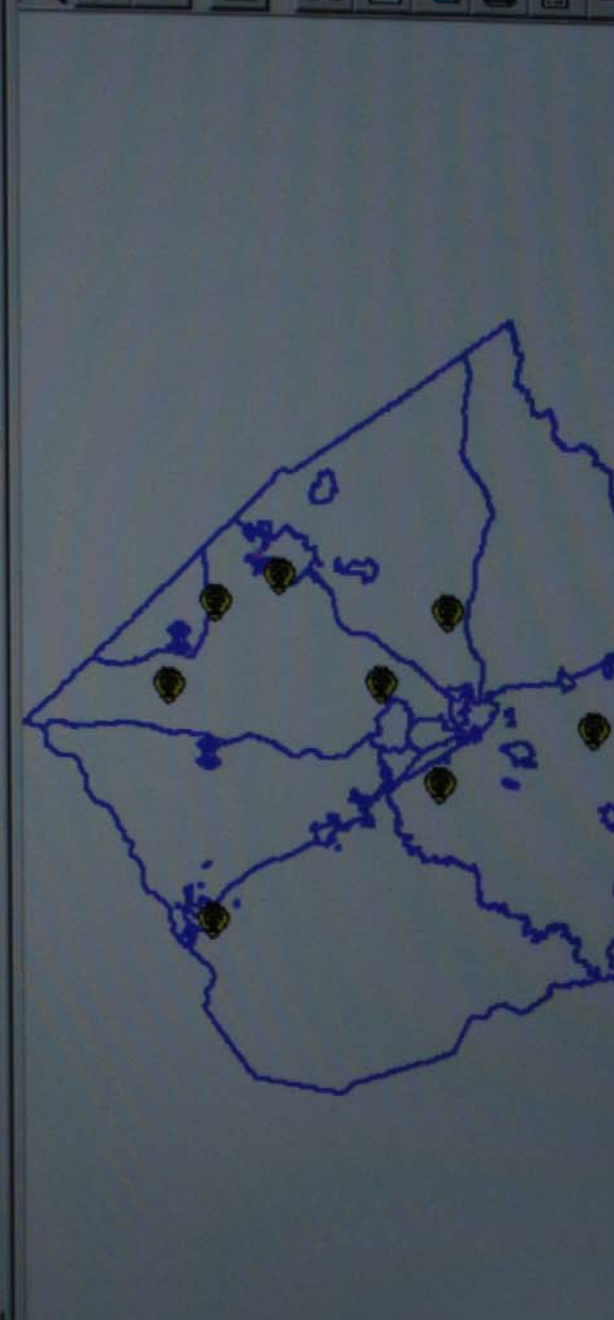
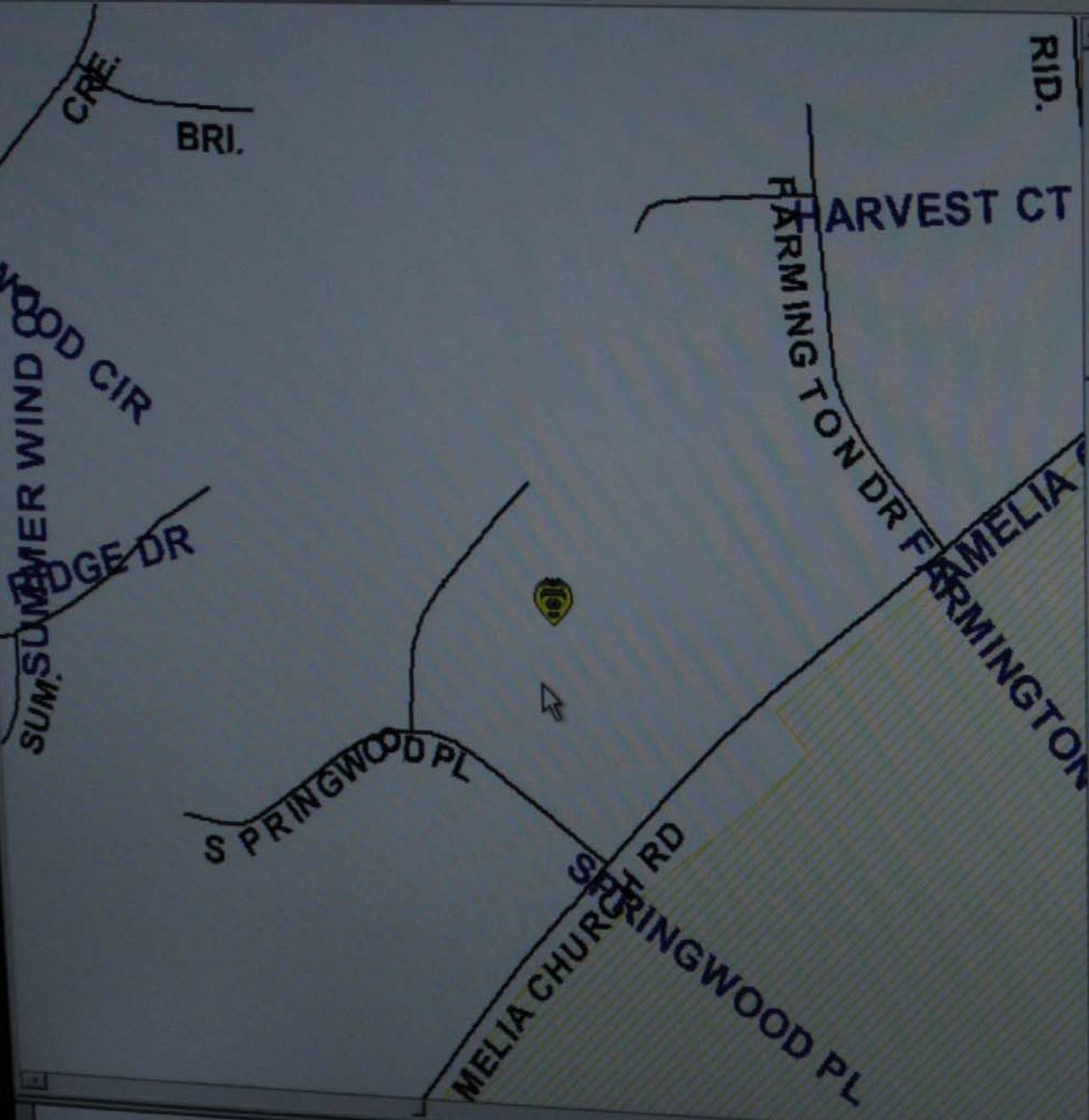
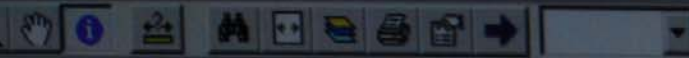
[07/21]



LOCATION TECHNOLOGY: GPS OR NETWORK BASED?

For handset based (GPS) solutions, accuracy shall be within 50 meters 67% of the time, and 150 meters 95% of the time

For network based solutions, accuracy shall be within 100 meters 67% of the time, and 300 meters 95% of the time

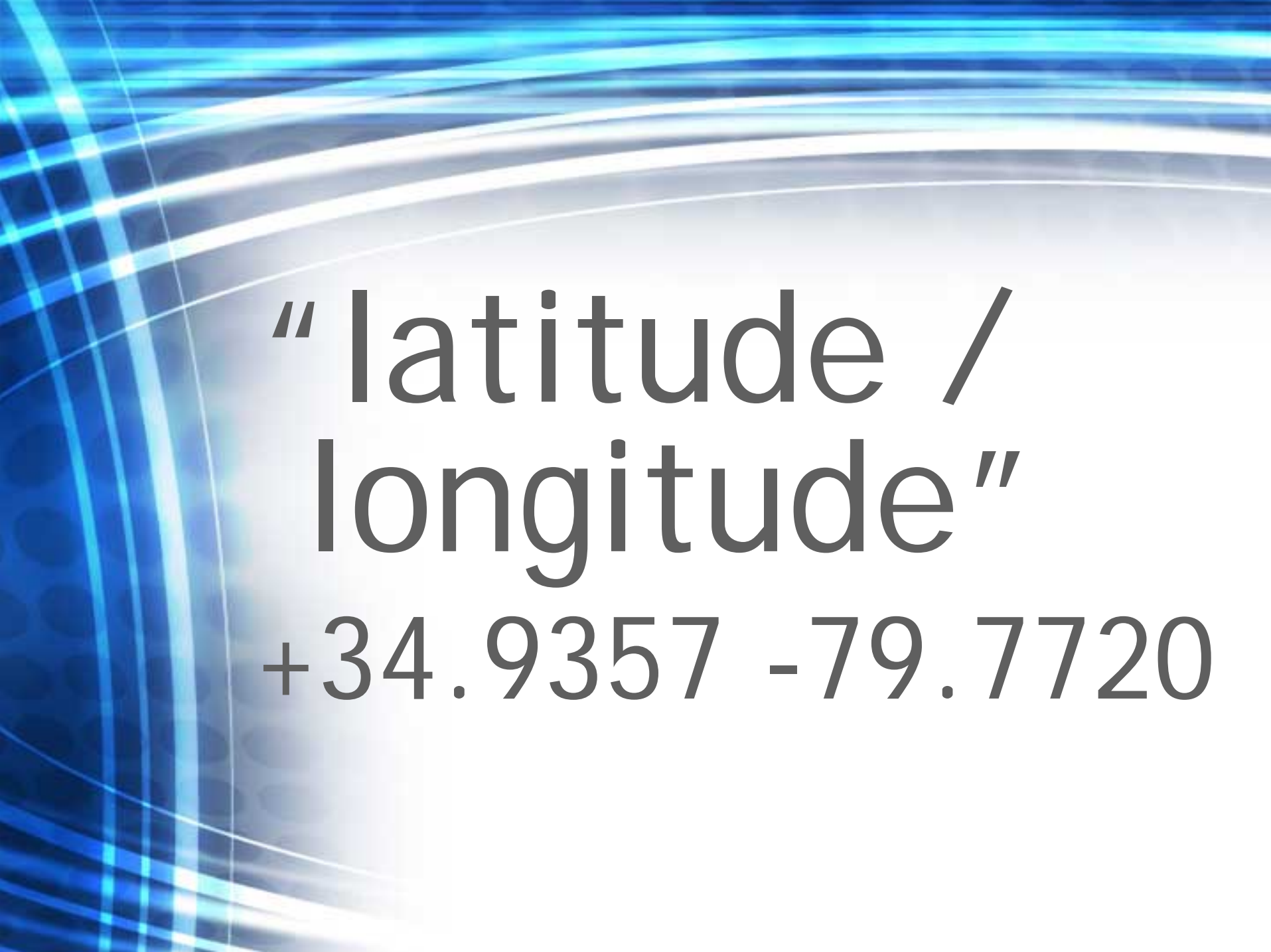




"rocky road by the
old oak tree"



“POSTAL
ADDRESS”
1920 MAIN ST



“latitude /
longitude”
+34.9357 -79.7720



Pair a Diggem Shift



Paradigm Shift



Landline Phones

Notification Svcs
(Reverse 9-1-1)

VoIP Phones

PDA's

AVL

9-1-1

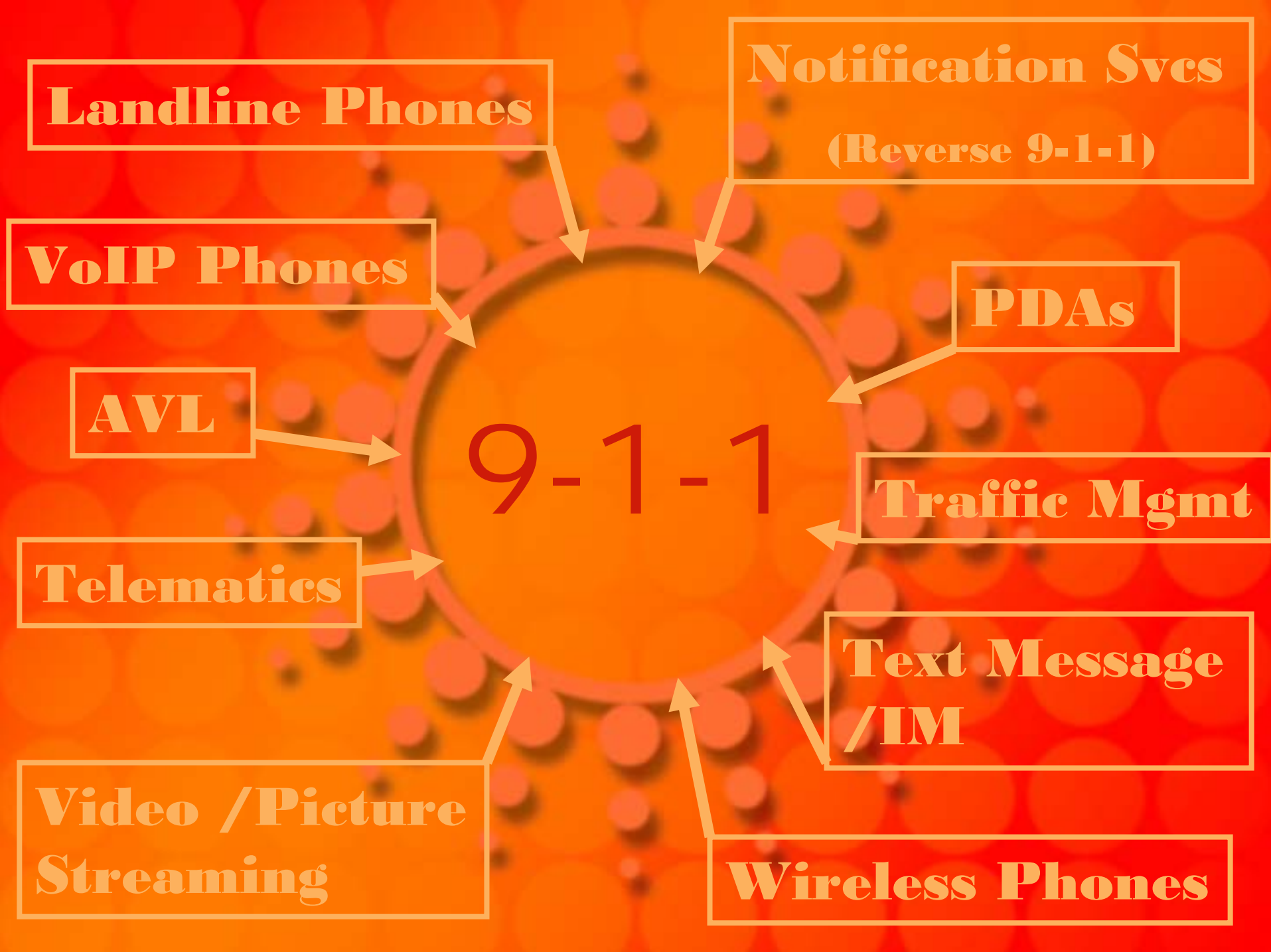
Traffic Mgmt

Telematics

**Text Message
/IM**

**Video /Picture
Streaming**

Wireless Phones





=Accurate Maps

We don't use commercial off the shelf products, because those we have tested are drastically out dated. The street always advised our 9-1-1 Districts to at least obtain a centerline data is so bad they plot info in the wrong PSAPs. Our program is \$1,200 and is interfaced to the 9-1-1 positions less than \$75.00. It allows you to enter lat/long and to plot wireline, wireless and VoIP. If we get x&y. I have seen get a fairly accurate location for a caller. While the so many people routed 180 degrees the wrong direction using the map certainly does not have every street and road in your jurisdiction, the pinpointed location that should be can't understand why a PSAP would not spend a one time close enough to displayed streets that a call taker amount of \$1,200, get a all data and all maintenance of the could determine the caller's location. software forever.



=Accurate Maps

If you are receiving Phase II wireless calls, you need to have current, up-to-date, accurate street centerline data and a way to display the long / lat of a call on the map. Saying you can not afford it is an easy out, but there are many ways you can obtain and maintain ones GIS data.



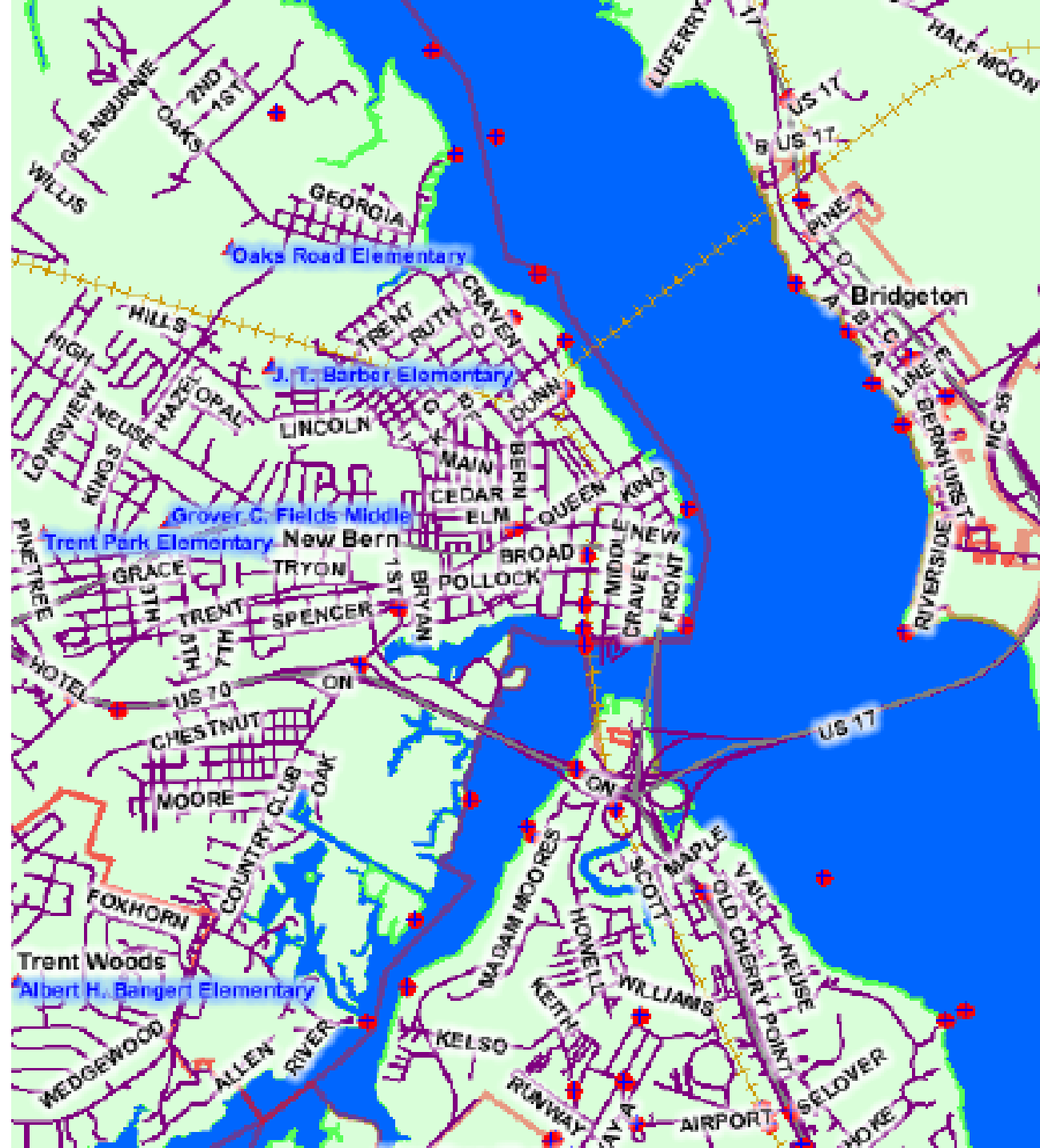
=Accurate Maps

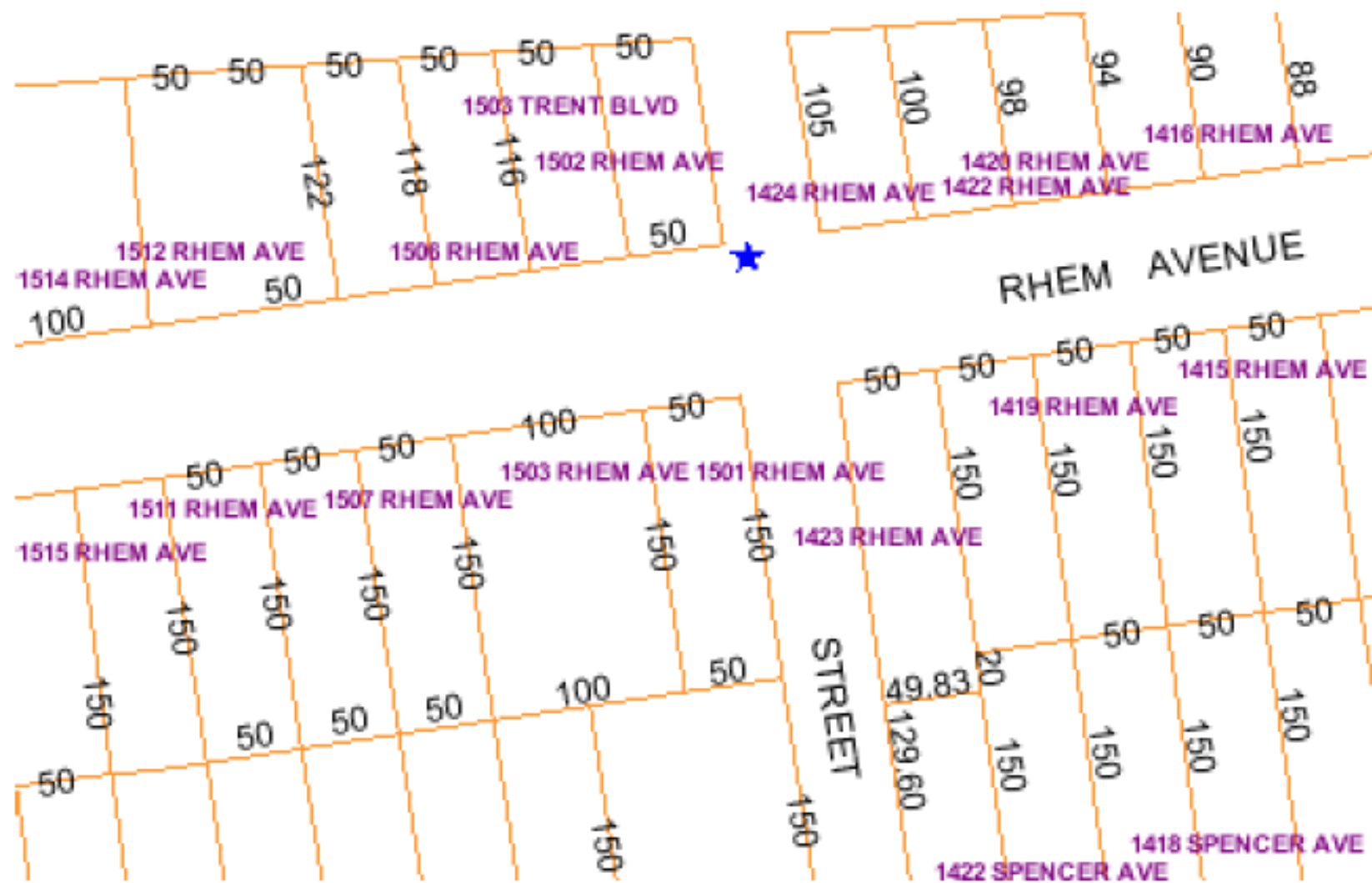
The key is to form partnerships and alliances with other who use or need the data, folks like the tax appraisal office, the engineering department, water and wastewater, electric and gas utilities, building code enforcement, planning departments, police, fire, even private entities. Since this data would be beneficial to so many public and private agencies, one should always strive to form partnerships and data sharing alliances for collecting and updating the GIS information.



=Accurate Maps

The best way to approach the task is through cooperation and coordination with all interested agencies and parties. It is not enough to have the most accurate and up-to-date spatial data; it must be maintained and refined in our ever-changing world. It all *starts with an accurate base map.*









☺ *Pay for Orthos*

(recommend every 4 years)

☺ *Cost to Maintain Base Map*

☺ *Offset Salary Expenses*

Use 9-1-1 Funds

To form Partnerships and Alliances

Use 9-1-1 Funds

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